

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claim 11 (New): A method for control of an internal combustion engine to regenerate an exhaust-gas purifying mechanism disposed on an exhaust line of the engine, comprising:

analyzing a composition of exhaust gases solely downstream from the purifying mechanism during a phase of regeneration of the purifying mechanism; and

creating a signal for control of the engine based on the analysis to modify the composition of the exhaust gases upstream from the purifying mechanism.

Claim 12 (New): A method according to claim 11, wherein the composition of the exhaust gases is analyzed by an oxygen sensor of all-or-nothing type situated downstream from the purifying mechanism.

Claim 13 (New): A method according to claim 12, wherein an operating temperature of the oxygen sensor is controlled.

Claim 14 (New): A method according to claim 12, wherein an output signal of the oxygen sensor is compared with a reference value, and a control signal is created to reduce the difference between the output signal of the oxygen sensor and the reference value.

Claim 15 (New): A method according to claim 11, wherein an end stage of the regeneration phase is detected based on the control signal.

